

Received: 11-26-2003

Sheet 1 of 2

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
501.39288CX1

Serial No.

Not yet assigned

10/721,230

INFORMATION DISCLOSURE CITATION  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
SATO, et alFiling Date  
Herewith 11-26-03Group of Parent  
2813

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
S.W.S.	6 2 5 8 6 4 9	07/10/01	Nakumaura et al.	—	—	
S.W.S.	6, 2 5 5 1 5 1	07/03/01	Fukuda et al.	—	—	
S.W.S.	6 2 6 1 8 8 3	07/17/01	Koubuchi, et al.	—	—	
S.W.S.	6 0 2 7 9 8 3	02/22/00	Hashimoto, et al.	—	—	
S.W.S.	5 5 3 9 2 4 0	07/23/96	Cronin, et al.	—	—	
S.W.S.	6 1 4 3 6 2 6	11/2000	Yabu et al.	—	—	
S.W.S.	6 3 3 7 2 8 2	01/2002	Kim et al.	—	—	
S.W.S.	5 8 2 7 7 8 2	10/1998	Shih	—	—	
S.W.S.	5 0 9 8 8 5 6	03/1992	Beyer et al.	—	—	
S.W.S.	6 1 3 3 1 0 5	10/2000	Chen et al.	—	—	
S.W.S.	6 0 6 0 3 5 2	05/2000	Sekiguchi et al.	—	—	

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
S.W.S.	JP 11-145286 A	05/99	Japan	—	—	Abstract	
	0 0 0 4 7 7 6	03/16/94	Korea	—	—		
	5 2 3 5 1 5 7	09/10/93	Japan	—	—	X	
S.W.S.	8 5 1 4 6 3 A1	07/01/98	European Patent Office	—	—		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.	

EXAMINER

Stephen W. Smoot

DATE CONSIDERED

July 9, 2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**(Use several sheets if necessary)**

Applicant  
Sato, et al

Filing Date  
~~Herewith~~ 11-26-03

Group of Parent	
32813	

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

A hand-drawn graph on lined paper. The vertical axis is labeled '1.' at the top. A downward-sloping curve starts from the top left and moves towards the bottom right. A straight line with a negative slope is drawn across the graph, intersecting the curve.

**EXAMINER**

EXAMINER  
Stephen W. Smoot

DATE CONSIDERED

July 9, 2005

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/721,230
		Filing Date	11/25/2003
		First Named Inventor	Subo et al.
		Art Unit	2813
		Examiner Name	Smoot
Sheet 1 of 1	Attorney Docket Number	501.39288CX1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
S.W.S.		US- 5,960,300	9/28/1999	Yabu, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation/ Abstract
S.W.S.		JP 05-235157	9/10/1993	Fujitsu, Ltd. and Kyushu Fujitsu Electron:KK		X
		JP 05-114646	5/7/1993	Fujitsu, Ltd.		X

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Stephen W. Smoot	Date Considered	July 9, 2005
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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